

ABSTRACT

A method of manufacturing a cable assembly using stranded cable material. A manufacturing jacket is placed over the cable to hold the strands in a desired state. A length of jacketed cable is then cut to a desired length. Appropriate terminations are slipped over the manufacturing jacket on the cable's first end, its second end, or at some intermediate point. For a typical type of termination, a short portion of the manufacturing jacket is stripped away at the point of termination to expose the strands. After the terminations are placed in the appropriate position, potting compound or other mechanical means are typically applied to lock the terminations to the exposed lengths of strands. A completed cable assembly is thus created. However, the presence of the manufacturing jacket, while highly desirable for manufacturing, is often undesirable for end use. All of the manufacturing jacket, or in some instances a substantial portion thereof, is therefore removed, using a variety of disclosed methods, to form an unjacketed cable. A variety of techniques are disclosed for carrying out these steps, including the use of modified terminations and modified jackets. The finished product may have no jacket at all, a partial jacket, or a jacket which is different from the one used in the manufacturing process.